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DESCRIPTORS: *Sodium compounds, *Sulfates, Solutions, Evaporation, *Deposits, Countermeasures.

As a result of experimental studies the design of a double-effect evaporation system was worked out and recommended for use in sulphate factories; the system was made up of forced-circulation evaporators (without salt separators) operating continuously with by-pass of solution together with crystals from effect to effect, and output of finished product in the form of a slurry from the last effect to a centrifuge. The feed to the system, consisting of mother liquor from the dissolving (Chemistry--Physical, TT, v. 6, no. 6) (over)

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THE FILLING OF POLYMETHYLMETHACRYLATE
WITH AMINATED BENTONITE BY DIRECT ADDITION
INTO THE MONOMER; THE EFFECT OF AMINATED
BENTONITE DISPERSION IN THE MONOMER ON THE
STRENGTHENING OF PMMA; POLYMERIZATION OF
MMA WITH DISPERSED SODIUM BENTONITE

(Napolnenie Polimetilmetakrilata Aminirovannym
Bentonitom, Vvodimym Neposredstvenno v Monomer;
Vliyanie Dispergirovaniya Aminirovannogo Bentonita v
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DESCRIPTORS: *Methyl radicals, *Acrylic resins,
*Sodium compounds, *Bentonite, Graft polymers,
Polymerization, Fillers.

At the vibration disintegration of air-dry sodium
bentonite blocks in a methylmethacrylate medium,
this monomer is polymerized and polymethylmetha-
crylate is grafted onto the dispersed bentonite particles.
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DESCRIPTORS: *Acrylic resins, Polymers, *Fillers,
Methyl radicals, Bentonite.

Using modified bentonites and polymethylmethacrylate
as an example, a method was worked out for adding a
(Materials--Plastics, TT, v. 10, no. 7) (over)

- I. Title: Methyl methacrylate
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- II. Tarasenko, Yu. G.
- III. Kusanitsyna, T. A.
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